From:

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To:

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Date:

8/25/2003 2:44:07 PM

Subject:

Fwd: RFQ - Specification 45605

## More questions

>>> <gary.smith@tde.alstom.com> 8/25/2003 3:27:30 PM >>> Upon initial review of the subject specification, we need clarification on several technical items to prepare our bid.

## Harmonic Distortion

What should be the basis for our harmonic calculations? IEEE 519 as indicated in Section F2 or Section F7 para 2

The plant single lines do not have sufficient information to perform our harmonic analysis. The size and impedance are needed for the main plant auxiliary transformers which feed the drives.

## **Power Factor**

Is the power factor to be .95 at full load per Section F2 or .95 from 30 - 100% speed as indicated in F7 para 2f?

## Ambient Temperature

Section F7 para 1, is the indoor ambient temperature range -10 to 50 degrees C?

Thank for your assistance